APPENDIX J

HSM Predictive Method Sheets

Worksheet 3A -- Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$** (crashes/year)	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Segment 1: MP 15.00 - MP 15.68	1.686	0.541	1.145	3	0.347	0.631	2.2
Segment 2: MP 15.69 - MP 15.81	0.535	0.172	0.364	0	1.967	0.487	0.3
Segment 3: MP 15.82 - MP 15.99	0.909	0.292	0.617	0	1.388	0.442	0.4
Segment 4: MP 16.00 - MP 16.12	0.424	0.136	0.288	0	1.967	0.545	0.2
Segment 5: MP 16.13 - MP 16.23	0.732	0.235	0.497	1	2.360	0.367	0.9
Segment 6: MP 16.24 - MP 16.34	0.828	0.266	0.562	1	2.360	0.338	0.9
Segment 7: MP 16.35 - MP 16.45	0.546	0.175	0.371	1	2.360	0.437	0.8
Segment 8: MP 16.46 - MP 16.56	0.915	0.294	0.622	0	2.360	0.316	0.3
INTERSECTIONS							
Intersection 1: CR 220 (North Leg)	0.980	0.407	0.573	0	0.540	0.654	0.6
Intersection 2: CR 220 (East Leg)	0.996	0.413	0.583	1	0.540	0.650	1.0
Intersection 3: US 160	3.181	1.045	2.136	5	0.330	0.488	4.1
COMBINED (sum of column)	11.734	3.977	7.757	12	--	--	11.8

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)	(3)
Crash severity level	$N_{predicted}$	$N_{expected}$
Total	$(2)_{COMB}$ from Worksheet 3A	$(8)_{COMB}$ from Worksheet 3A
	11.734	11.8
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{FI} / (2)_{TOTAL}$
	3.977	4.0
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{PDO} / (2)_{TOTAL}$
	7.757	7.8

Worksheet 3A -- Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$** (crashes/year)	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Segment 1	1.400	0.449	0.951	5	0.347	0.673	2.6
Segment 2	0.561	0.180	0.381	3	1.967	0.475	1.8
Segment 3	0.951	0.305	0.646	0	1.388	0.431	0.4
Segment 4	0.445	0.143	0.302	1	1.967	0.533	0.7
Segment 5	0.769	0.247	0.522	0	2.360	0.355	0.3
Segment 6	0.870	0.279	0.591	1	2.360	0.328	1.0
Segment 7	0.573	0.184	0.389	1	2.360	0.425	0.8
Segment 8	0.961	0.309	0.653	0	2.360	0.306	0.3
INTERSECTIONS							
Intersection 1	1.019	0.423	0.596	0	0.540	0.645	0.7
Intersection 2	1.035	0.430	0.606	4	0.540	0.641	2.1
Intersection 3	2.941	0.970	1.971	5	0.330	0.508	4.0
COMBINED (sum of column)	11.525	3.918	7.607	20	--	--	14.6

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)	(3)
Crash severity level	$N_{predicted}$	$N_{expected}$
Total	$(2)_{COMB}$ from Worksheet 3A	$(8)_{COMB}$ from Worksheet 3A
	11.525	14.6
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{FI} / (2)_{TOTAL}$
	3.918	5.0
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{PDO} / (2)_{TOTAL}$
	7.607	9.6

Worksheet 3A -- Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$** (crashes/year)	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Segment 1	1.567	0.503	1.064	2	0.347	0.648	1.7
Segment 2	0.561	0.180	0.381	0	1.967	0.475	0.3
Segment 3	0.782	0.251	0.531	0	1.388	0.479	0.4
Segment 4	0.360	0.116	0.245	0	1.967	0.585	0.2
Segment 5	0.622	0.200	0.423	1	2.360	0.405	0.8
Segment 6	0.704	0.226	0.478	0	2.360	0.376	0.3
Segment 7	0.464	0.149	0.315	0	2.360	0.477	0.2
Segment 8	0.778	0.250	0.528	0	2.360	0.353	0.3
INTERSECTIONS							
Intersection 1	0.862	0.358	0.504	0	0.540	0.682	0.6
Intersection 2	0.876	0.364	0.512	1	0.540	0.679	0.9
Intersection 3	2.882	0.963	1.920	3	0.330	0.513	2.9
COMBINED (sum of column)	10.460	3.558	6.901	7	--	--	8.6

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)	(3)
Crash severity level	$N_{predicted}$	$N_{expected}$
Total	$(2)_{COMB}$ from Worksheet 3A	$(8)_{COMB}$ from Worksheet 3A
	10.460	8.6
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{FI} / (2)_{TOTAL}$
	3.558	2.9
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{PDO} / (2)_{TOTAL}$
	6.901	5.7

Worksheet 3A -- Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$** (crashes/year)	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Segment 1	1.567	0.503	1.064	5	0.347	0.648	2.8
Segment 2	0.503	0.162	0.342	1	1.967	0.503	0.8
Segment 3	0.857	0.275	0.582	1	1.388	0.457	0.9
Segment 4	0.397	0.128	0.270	0	1.967	0.561	0.2
Segment 5	0.686	0.220	0.466	1	2.360	0.382	0.9
Segment 6	0.777	0.249	0.527	0	2.360	0.353	0.3
Segment 7	0.512	0.164	0.347	0	2.360	0.453	0.2
Segment 8	0.858	0.276	0.583	0	2.360	0.331	0.3
INTERSECTIONS							
Intersection 1	0.932	0.387	0.545	2	0.540	0.665	1.3
Intersection 2	0.947	0.393	0.554	0	0.540	0.662	0.6
Intersection 3	2.959	0.981	1.978	2	0.330	0.506	2.5
COMBINED (sum of column)	10.995	3.737	7.258	12	--	--	10.8

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)	(3)
Crash severity level	$N_{predicted}$	$N_{expected}$
Total	$(2)_{COMB}$ from Worksheet 3A	$(8)_{COMB}$ from Worksheet 3A
	10.995	10.8
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{FI} / (2)_{TOTAL}$
	3.737	3.7
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{PDO} / (2)_{TOTAL}$
	7.258	7.1

Worksheet 3A -- Predicted and Observed Crashes by Severity and Site Type Using the Site-Specific EB Method

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Site type	**Predicted average crash frequency (crashes/year)**			**Observed crashes, $N_{observed}$** (crashes/year)	**Overdispersion Parameter, k**	**Weighted adjustment, w**	**Expected average crash frequency, $N_{expected}$**
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)			Equation A-5 from Part C Appendix	Equation A-4 from Part C Appendix
ROADWAY SEGMENTS							
Segment 1	1.328	0.426	0.902	1	0.347	0.684	1.2
Segment 2	0.445	0.143	0.302	2	1.967	0.533	1.2
Segment 3	0.761	0.244	0.517	1	1.388	0.486	0.9
Segment 4	0.350	0.112	0.237	1	1.967	0.592	0.6
Segment 5	0.604	0.194	0.410	0	2.360	0.412	0.2
Segment 6	0.683	0.219	0.464	0	2.360	0.383	0.3
Segment 7	0.450	0.145	0.306	1	2.360	0.485	0.7
Segment 8	0.755	0.242	0.513	0	2.360	0.359	0.3
INTERSECTIONS							
Intersection 1	0.842	0.349	0.493	0	0.540	0.687	0.6
Intersection 2	0.856	0.355	0.501	0	0.540	0.684	0.6
Intersection 3	2.917	0.975	1.942	2	0.330	0.510	2.5
COMBINED (sum of column)	9.992	3.405	6.586	8	--	--	9.0

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)	(3)
Crash severity level	$N_{predicted}$	$N_{expected}$
Total	$(2)_{COMB}$ from Worksheet 3A	$(8)_{COMB}$ from Worksheet 3A
	9.992	9.0
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{FI} / (2)_{TOTAL}$
	3.405	3.1
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A	$(3)_{TOTAL} * (2)_{PDO} / (2)_{TOTAL}$
	6.586	6.0

Worksheet 3A -- Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Collision type / Site type	**Predicted average crash frequency (crashes/year)**		
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)
ROADWAY SEGMENTS			
Segment 1: MP 15.00 - MP 15.68	5.131	1.647	3.484
Segment 2: MP 15.69 - MP 15.81	1.380	0.443	0.937
Segment 3: MP 15.82 - MP 15.99	2.259	0.725	1.534
Segment 4: MP 16.00 - MP 16.12	1.145	0.367	0.777
Segment 5: MP 16.13 - MP 16.23	1.977	0.635	1.342
Segment 6: MP 16.24 - MP 16.34	2.237	0.718	1.519
Segment 7: MP 16.35 - MP 16.45	1.473	0.473	1.000
Segment 8: MP 16.46 - MP 16.56	2.472	0.793	1.678
INTERSECTIONS			
Intersection 1: CR 220 (North Leg)	9.770	4.055	5.715
Intersection 2: CR 220 (East Leg)	8.175	3.393	4.782
Intersection 3: US 160	15.221	4.181	11.040
COMBINED (sum of column)	51.239	17.429	33.809

Worksheet 3B -- Site-Specific EB Method Summary Results

(1)	(2)
Crash severity level	$N_{predicted}$
Total	$(2)_{COMB}$ from Worksheet 3A
	51.239
Fatal and Injury (FI)	$(3)_{COMB}$ from Worksheet 3A
	17.429
Property Damage Only (PDO)	$(4)_{COMB}$ from Worksheet 3A
	33.809

Worksheet 3A -- Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Collision type / Site type	**Predicted average crash frequency (crashes/year)**		
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)
ROADWAY SEGMENTS			
Multiple-vehicle nondriveway			
Segment 1: STA 189+16.98 to STA 191+58.74	0.138	0.039	0.099
Segment 2: STA 191+58.74 to STA 195+25.76	0.243	0.068	0.175
Segment 3: STA 195+25.76 to STA 205+39.68	0.576	0.161	0.415
Segment 4: STA 205+39.68 to STA 208+15.46	0.160	0.045	0.115
Segment 5: STA 208+15.46 to STA 213+00	0.449	0.125	0.324
Segment 6: STA 213+00 to STA 218+99.59	0.612	0.171	0.441
Segment 7: STA 218+99.59 to STA 221+92.21	0.187	0.052	0.135
Segment 8: STA 221+92.21 to STA 249+31.72	2.566	0.717	1.850
Segment 9: STA 249+31.72 to STA 252+22.88	0.176	0.049	0.127
Segment 10: STA 252+22.88 to STA 256+87.02	1.860	0.519	1.340
Segment 11: STA 256+87.02 to STA 258+01.47	0.139	0.039	0.100
Single-vehicle			
Segment 1: STA 189+16.98 to STA 191+58.74	0.028	0.005	0.023
Segment 2: STA 191+58.74 to STA 195+25.76	0.049	0.008	0.041
Segment 3: STA 195+25.76 to STA 205+39.68	0.117	0.020	0.097
Segment 4: STA 205+39.68 to STA 208+15.46	0.033	0.006	0.027
Segment 5: STA 208+15.46 to STA 213+00	0.091	0.016	0.076
Segment 6: STA 213+00 to STA 218+99.59	0.124	0.021	0.103
Segment 7: STA 218+99.59 to STA 221+92.21	0.038	0.007	0.031
Segment 8: STA 221+92.21 to STA 249+31.72	0.522	0.090	0.432
Segment 9: STA 249+31.72 to STA 252+22.88	0.036	0.006	0.030
Segment 10: STA 252+22.88 to STA 256+87.02	0.378	0.065	0.313
Segment 11: STA 256+87.02 to STA 258+01.47	0.028	0.005	0.023
Multiple-vehicle driveway-related			
Segment 1: STA 189+16.98 to STA 191+58.74	0.000	0.000	0.000
Segment 2: STA 191+58.74 to STA 195+25.76	0.000	0.000	0.000
Segment 3: STA 195+25.76 to STA 205+39.68	0.000	0.000	0.000
Segment 4: STA 205+39.68 to STA 208+15.46	0.000	0.000	0.000
Segment 5: STA 208+15.46 to STA 213+00	0.000	0.000	0.000
Segment 6: STA 213+00 to STA 218+99.59	0.000	0.000	0.000
Segment 7: STA 218+99.59 to STA 221+92.21	0.000	0.000	0.000
Segment 8: STA 221+92.21 to STA 249+31.72	0.000	0.000	0.000
Segment 9: STA 249+31.72 to STA 252+22.88	0.000	0.000	0.000
Segment 10: STA 252+22.88 to STA 256+87.02	0.000	0.000	0.000
Segment 11: STA 256+87.02 to STA 258+01.47	0.000	0.000	0.000
INTERSECTIONS			
Multiple-vehicle			
Intersection 1: CR 220	1.865	0.657	1.208
Intersection 2: US 160	0.801	0.311	0.490
Single-vehicle			
Intersection 1: CR 220	0.135	0.037	0.099
Intersection 2: US 160	0.084	0.023	0.061
COMBINED (sum of column)	11.436	3.260	8.176

Worksheet 3B -- Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials

(1)	(2)	(3)
Site Type	N_{ped}	N_{bike}
ROADWAY SEGMENTS		
Segment 1	0.003	0.001
Segment 2	0.005	0.001
Segment 3	0.012	0.003
Segment 4	0.003	0.001
Segment 5	0.009	0.002
Segment 6	0.013	0.003
Segment 7	0.004	0.001
Segment 8	0.053	0.014
Segment 9	0.004	0.001
Segment 10	0.038	0.010
Segment 11	0.003	0.001
INTERSECTIONS		
Intersection 1	0.003	0.020
Intersection 2	0.003	0.009
COMBINED (sum of column)	0.153	0.067

Worksheet 3C -- Site-Specific EB Method Summary Results for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Crash severity level	$N_{predicted}$	N_{ped}	N_{bike}
Total	$(2)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	11.436	0.153	0.067
Fatal and injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	3.260	0.153	0.067
Property damage only (PDO)	$(4)_{COMB}$ from Worksheet 3A	--	--
	8.176	0.000	0.000

Worksheet 3A -- Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Collision type / Site type	**Predicted average crash frequency (crashes/year)**		
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)
ROADWAY SEGMENTS			
Multiple-vehicle nondriveway			
Segment 1: STA 184+97.97 to STA 200+81.37	1.175	0.328	0.847
Segment 2: STA 200+81.37 to STA 205+08.96	0.250	0.070	0.181
Segment 3: STA 205+08.96 to STA 213+30.69	0.481	0.134	0.347
Segment 4: STA 213+30.69 to STA 221+91.00	0.711	0.198	0.512
Segment 5: STA 221+91.00 to STA 232+79.60	0.900	0.251	0.649
Segment 6: STA 232+79.60 to STA 250+97.68	1.064	0.297	0.767
Segment 7: STA 250+97.68 to STA 272+82.29	1.657	0.463	1.194
Single-vehicle			
Segment 1: STA 184+97.97 to STA 200+81.37	0.239	0.041	0.198
Segment 2: STA 200+81.37 to STA 205+08.96	0.051	0.009	0.042
Segment 3: STA 205+08.96 to STA 213+30.69	0.098	0.017	0.081
Segment 4: STA 213+30.69 to STA 221+91.00	0.145	0.025	0.120
Segment 5: STA 221+91.00 to STA 232+79.60	0.183	0.031	0.152
Segment 6: STA 232+79.60 to STA 250+97.68	0.216	0.037	0.179
Segment 7: STA 250+97.68 to STA 272+82.29	0.337	0.058	0.279
Multiple-vehicle driveway-related			
Segment 1: STA 184+97.97 to STA 200+81.37	0.000	0.000	0.000
Segment 2: STA 200+81.37 to STA 205+08.96	0.000	0.000	0.000
Segment 3: STA 205+08.96 to STA 213+30.69	0.000	0.000	0.000
Segment 4: STA 213+30.69 to STA 221+91.00	0.000	0.000	0.000
Segment 5: STA 221+91.00 to STA 232+79.60	0.000	0.000	0.000
Segment 6: STA 232+79.60 to STA 250+97.68	0.000	0.000	0.000
Segment 7: STA 250+97.68 to STA 272+82.29	0.000	0.000	0.000
INTERSECTIONS			
Multiple-vehicle			
Intersection 1: CR 220	2.713	0.904	1.809
Intersection 2: US 160	1.418	0.452	0.966
Single-vehicle			
Intersection 1: CR 220	0.170	0.044	0.126
Intersection 2: US 160	0.172	0.052	0.121
COMBINED (sum of column)	11.980	3.411	8.569

Worksheet 3B -- Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials

(1)	(2)	(3)
Site Type	N_{ped}	N_{bike}
ROADWAY SEGMENTS		
Segment 1	0.024	0.006
Segment 2	0.005	0.001
Segment 3	0.010	0.003
Segment 4	0.015	0.004
Segment 5	0.019	0.005
Segment 6	0.022	0.006
Segment 7	0.034	0.009
INTERSECTIONS		
Intersection 1	0.007	0.039
Intersection 2	0.030	0.023
COMBINED (sum of column)	0.091	0.076

Worksheet 3C -- Site-Specific EB Method Summary Results for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Crash severity level	$N_{predicted}$	N_{ped}	N_{bike}
Total	$(2)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	11.980	0.091	0.076
Fatal and injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	3.411	0.091	0.076
Property damage only (PDO)	$(4)_{COMB}$ from Worksheet 3A	--	--
	8.569	0.000	0.000

Worksheet 3A -- Predicted Crashes by Severity and Site Type and Observed Crashes Using the Site-Specific EB Method for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Collision type / Site type	**Predicted average crash frequency (crashes/year)**		
	$N_{predicted}$ (TOTAL)	$N_{predicted}$ (FI)	$N_{predicted}$ (PDO)
ROADWAY SEGMENTS			
Multiple-vehicle nondriveway			
Segment 1: STA 952+52.07 to STA 955+29.37	0.158	0.044	0.114
Segment 2: STA 955+29.37 to STA 971+37.61	1.092	0.305	0.787
Segment 3: STA 971+37.61 to STA 982+80.77	0.776	0.217	0.559
Segment 4: STA 982+80.77 to STA 989+54.46	0.354	0.099	0.255
Segment 5: STA 989+54.46 to STA 1000+45.76	1.141	0.319	0.822
Segment 6: STA 1000+45.76 to STA 1006+29.70	0.614	0.171	0.442
Segment 7: STA 1006+29.70 to STA 1010+65.57	0.253	0.071	0.182
Segment 8: STA 1010+65.57 to STA 1022+46.76	0.801	0.224	0.577
Segment 9: STA 1022+46.76 to STA 1025+49.21	0.176	0.049	0.127
Segment 10: STA 1025+49.21 to STA 1035+21.32	0.659	0.184	0.475
Segment 11: STA 1035+21.32 to STA 1039+21.10	0.232	0.065	0.167
Single-vehicle			
Segment 1: STA 952+52.07 to STA 955+29.37	0.032	0.006	0.027
Segment 2: STA 955+29.37 to STA 971+37.61	0.222	0.038	0.184
Segment 3: STA 971+37.61 to STA 982+80.77	0.158	0.027	0.131
Segment 4: STA 982+80.77 to STA 989+54.46	0.072	0.012	0.060
Segment 5: STA 989+54.46 to STA 1000+45.76	0.232	0.040	0.192
Segment 6: STA 1000+45.76 to STA 1006+29.70	0.125	0.021	0.103
Segment 7: STA 1006+29.70 to STA 1010+65.57	0.051	0.009	0.043
Segment 8: STA 1010+65.57 to STA 1022+46.76	0.163	0.028	0.135
Segment 9: STA 1022+46.76 to STA 1025+49.21	0.036	0.006	0.030
Segment 10: STA 1025+49.21 to STA 1035+21.32	0.134	0.023	0.111
Segment 11: STA 1035+21.32 to STA 1039+21.10	0.047	0.008	0.039
Multiple-vehicle driveway-related			
Segment 1: STA 952+52.07 to STA 955+29.37	0.000	0.000	0.000
Segment 2: STA 955+29.37 to STA 971+37.61	0.000	0.000	0.000
Segment 3: STA 971+37.61 to STA 982+80.77	0.000	0.000	0.000
Segment 4: STA 982+80.77 to STA 989+54.46	0.000	0.000	0.000
Segment 5: STA 989+54.46 to STA 1000+45.76	0.000	0.000	0.000
Segment 6: STA 1000+45.76 to STA 1006+29.70	0.000	0.000	0.000
Segment 7: STA 1006+29.70 to STA 1010+65.57	0.000	0.000	0.000
Segment 8: STA 1010+65.57 to STA 1022+46.76	0.000	0.000	0.000
Segment 9: STA 1022+46.76 to STA 1025+49.21	0.000	0.000	0.000
Segment 10: STA 1025+49.21 to STA 1035+21.32	0.000	0.000	0.000
Segment 11: STA 1035+21.32 to STA 1039+21.10	0.000	0.000	0.000
INTERSECTIONS			
Multiple-vehicle			
Intersection 1: CR 220	2.713	0.904	1.809
Intersection 2: US 160	0.847	0.235	0.613
Single-vehicle			
Intersection 1: CR 220	0.170	0.044	0.126
Intersection 2: Grandview South Roundabout	0.122	0.036	0.086
COMBINED (sum of column)	11.380	3.183	8.197

Worksheet 3B -- Predicted Pedestrian and Bicycle Crashes for Urban and Suburban Arterials

(1)	(2)	(3)
Site Type	N_{ped}	N_{bike}
ROADWAY SEGMENTS		
Segment 1	0.003	0.001
Segment 2	0.022	0.006
Segment 3	0.016	0.004
Segment 4	0.007	0.002
Segment 5	0.023	0.006
Segment 6	0.013	0.003
Segment 7	0.005	0.001
Segment 8	0.016	0.004
Segment 9	0.004	0.001
Segment 10	0.014	0.004
Segment 11	0.005	0.001
INTERSECTIONS		
Intersection 1	0.007	0.039
Intersection 2	0.018	0.014
COMBINED (sum of column)	0.155	0.087

Worksheet 3C -- Site-Specific EB Method Summary Results for Urban and Suburban Arterials

(1)	(2)	(3)	(4)
Crash severity level	$N_{predicted}$	N_{ped}	N_{bike}
Total	$(2)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	11.380	0.155	0.087
Fatal and injury (FI)	$(3)_{COMB}$ from Worksheet 3A	$(2)_{COMB}$ from Worksheet 3B	$(3)_{COMB}$ from Worksheet 3B
	3.183	0.155	0.087
Property damage only (PDO)	$(4)_{COMB}$ from Worksheet 3A	--	--
	8.197	0.000	0.000